



KTN

the Knowledge Transfer Network

New Collaboration Opportunities in Regenerative Medicine and Addressing Challenges to Clinical Adoption of Cell and Gene Therapies

New Hunts House
Guy's campus
King's College London
London
SE1 1UL

14th June 2016

The KTN in collaboration with Innovate UK, Cell and Gene Therapy Catapult, Department of Health and Kings College London are holding an event focussing on new unmet clinical needs, the latest developments in the regulatory environment and clinical adoption. Following recent developments and the UK's Regenerative Medicine Expert Group report recommendations this event will bring together the UK regenerative medicine communities involving industrialists, academics and clinicians from a number of clinical specialities.

The UK is a leader in the field of development of cell and gene therapies. The regulatory system now has a number of mechanisms to accelerate the progress of promising therapies, including EAMS and the new PRIME scheme. However, practical challenges still exist to the clinical adoption of these new therapies and getting them to patients, including generating sufficient clinical data, achieving reimbursement and embedding therapies in existing or new clinical pathways.

Leading clinicians and experts from a number of organisations will be presenting at this event. Directors and managers from industry, major funding organisations (e.g. Innovate UK, Research Councils, relevant charities) and leading academics will also be invited to attend and support this event.

The main aims of this event are as follows:

- To discuss challenges affecting clinical adoption of cell and gene-based therapies.
- Facilitate new clinician/industry/academic collaborations in a number of areas of clinical specialities.



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- Identify barriers to innovation and commercialisation.
- Review current funding opportunities and identify funding gaps.
- Provide networking opportunities to identify collaborating partners.
- Review supporting mechanisms available to accelerate innovation, clinical adoption and commercialisation through KTN and partners, Innovate UK, DH and Cell and Gene Therapy Catapult.
- Review current pre-clinical and clinical trials and identify best practice to accelerate regulatory approvals.

The workshop will discuss and review latest development in clinical adoption; regulatory approvals, unmet clinical needs and best practice in different areas of clinical specialities and will provide an opportunity to discuss directly with the leading experts, clinicians, regenerative medicine companies and academics any new ideas for potential new collaborations. The clinical specialities, which will be covered during this event, are:

- Cardiovascular
- Wound Care
- Gastrointestinal (GI)
- Oncology
- Neurodegenerative
- Ophthalmology

Who should attend?

This workshop is mainly designed to bring together experts in the field from the leading organisations to review and learn about the latest developments, to discuss barriers to innovations, commercialisations and particularly clinical adoption. The event is open to companies, academics, clinicians, funders and policy makers and wider stakeholders in the regenerative medicine and advanced therapies field.

Agenda

9.00 – 9.30	Registration, Coffee & Networking
9.30 – 9.35	Welcome and Introductions Prof Mehdi Tavakoli, KTN
9.35 – 9.50	“UK Regenerative Medicine Expert Group Update” Dr Ian McKay, DH. Genomics Science and Emerging Therapies.
9.50 – 10.05	Regulatory and clinical opportunities to accelerate translation Dr Natalie Mount, Cell & Gene Therapy Catapult
10.05 – 10.20	Health Technology Assessment on a Regenerative Medicine exemplar Dr Nick Crabb, NICE
10.20 – 10.35	Regenerative Medicine Priority Areas and Funding Opportunities Dr Kath Mackay, Innovate UK
10.35 – 11.00	Coffee & Networking
11.00 – 11.20	Clinical Perspectives Cardiovascular- <i>Prof John Martin, UCL,</i>
11.20 – 11.40	Wound Care Professor Steven Jeffrey, Consultant Plastic Surgeon, The Queen Elizabeth Hospital, Birmingham and University of Birmingham. NIHR HTC WoundTec
11.40 – 12.00	Oncology- <i>Prof Robert Hawkins, University of Manchester</i>
12.00 – 12.20	GI Professor Charles Knowles, Directors of NIHR Bowel Function Healthcare Technology Cooperative, Enteric, Barts and the London, Queen Mary, University of London
12.20-12.40	Neurodegenerative Professor Keyoumars Ashkan, Kings College Hospital, London
12.40 – 13.00	Ophthalmology – Clinical Perspectives Mr Frank Larkin, Moorfield’s Eye Hospital
13.00 –14.00	Lunch & Networking
14.00 – 16.00	Workshops Four facilitated workshops will be run to discuss the above topics and clinical areas in more details. These will be as follows – <ul style="list-style-type: none"> • Workshop 1 – Clinical areas 1,2,3 (TBC) • Workshop 2 – Clinical areas 4 & 5 &6 (TBC) • Workshop 3 – Regulatory Initiatives • Workshop 4 – HTA and Patient Access Dr Nick Crabb, NICE
16.00 -16.30	Workshops Update, wrap-up and next steps – Prof M Tavakoli, KTN

Registration



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Due to anticipated popularity of this event, we request potential participants to complete an expression of interest application form on eventbrite to register their interest. The applicants will be asked to give some background on their capabilities and relevant skills and experiences that they wish to bring to this event.

To register your expression of interest for this event, please click [here](#).